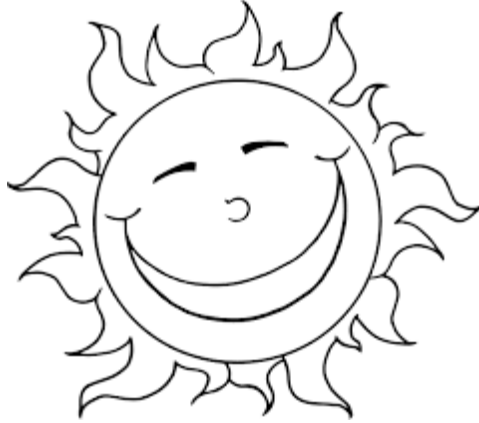


# THE POWER OF THE SUN



1. Solar energy is energy from the \_\_\_\_.

- ☒ earth      ☒ sun      ☒ water      ☒ wind

2. Select **TWO** ways energy from the sun can be used.

- ☐ drive a car      ☐ heat water      ☐ dry clothes  
☐ power windmills      ☐ wash clothes

3. Match the words to the sentence.

## **SORT ELEMENTS**

o gases.      light.      heats.      rays.      renewable

The sun is a big ball of	
Solar energy travels to the earth in	
The sun will always shine, so we say solar energy is	
We can see some solar energy in the form of	
Solar energy contains rays does this to the earth. It	

4. People use \_\_\_\_\_ on their roofs to heat their houses and water.

☐ wind collectors

☐ solar collectors

☐ heaters

☐ windows

5. Plants store solar energy in their\_\_\_\_\_.

☐ roots

☐ flowers

☐ seeds

☐ leaves

6. Solar energy is best known as

☐ renewable resource

☐ resusable resource

☐ recyclable resource

☐ nonrenewable resource

☐ perpetual resource

7. What material is used to make solar panels?

☐ silicon

☐ aluminium

☐ diamond

☐ glass

8.



9. Match the word to the sentence.

**SORT ELEMENTS**

- ☐ light
- ☐ electrical
- ☐ kinetic

The sunlight shining on solar panels is an example of \_\_\_\_\_ energy

being converted into \_\_\_\_\_ energy.

This energy is then transferred into \_\_\_\_\_ energy when we turn on a lamp

10. Solar energy uses \_\_\_\_\_ to capture the sun's energy.



silicon



mirrors



photovoltaic cells



batteries

11. Select **True** or **False** for the statement below.

Solar, Tidal, and Geothermal energy are considered the renewable energy because the energy associated with each of these three types is derived from a fundamentally different source.



True



False